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SECTION 1: IDENTIFICATION

Effective Date: 12/96
Product Name: Sodium Pyruvate
Chemical Formula: C₃H₃NaO₃
CAS No.: 113-24-6

SECTION 2: HAZARDOUS INGREDIENTS:

Very dangerous in case of ingestion. Slightly dangerous to dangerous in case of skin contact or inhalation (irritant). Very slightly to slightly dangerous in case of eye contact (irritant).

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor:	white solid powder
Molecular Weight:	110.05
Solubility in water:(by weight)	easily soluble in cold water
Melting Point:	> 300°C, decomposes

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information:

Flash point:	n/a
Flammable limit:	n/a
Flammability:	Combustible
Extinguishing Media:	water spray or foam, dry chemicals, carbon dioxide
Fire Fighting Procedures:	no special procedure
Unusual Fire and Explosion Hazards:	none
Products of combustion:	carbon oxides (CO, CO ₂), some metallic oxides

SECTION 5: REACTIVITY DATA

Reactivity Data:

Stable X Unstable

Conditions to Avoid:	non-corrosive in presence of glass
Incompatibilities:	unknown
Hazardous Polymerization:	will not occur

SECTION 6: HEALTH HAZARD DATA

Threshold Limit Value (TLV):

Permissible Exposure Limit: n/a

Toxicity:	ingestion and inhalation are routes of entry
Oral LD50 (rat):	n/a
NTP:	
IARC Monographs:	

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: Cover and sweep up with inert carrier (soda, ash, sand). Finish cleaning by spreading water on contaminated surface and dispose of according to local and regional authority requirements.

Disposal: biodegradable- recycle to process, if possible. Consult your local or regional authorities.

SECTION 8: FIRST AID PROCEDURES

First Aid:

Eyes: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.

Skin: Remove contaminated clothes, protecting own hands and body. Place victim under deluge shower. If chemical touches exposed skin, wash thoroughly with running water and non-abrasive soap. Cold water may be used. Cover skin with emollient. Seek medical attention if irritation persists.

Inhalation: Allow victim to rest in well ventilated area. Seek medical attention.

Ingestion: Remove dentures if any. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in throat. Lower head so vomit won't reenter mouth and throat. Never give an unconscious person anything to ingest.

SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Other Precautions: Avoid dust, store in cool area. Wash thoroughly with soap after handling. Keep away from heat and sources of ignition. Round all equipment containing material. Keep container dry and tightly closed, away from strong oxidizing agents and well-ventilated area. Evaporate empty containers under fume hood.

SECTION 10: SPECIAL PROTECTION INFORMATION

Ventilation: local, mechanical (general), process enclosures to keep limits below recommended exposure limits

Eye Protection: face mask or goggles

Protective Gloves: rubber or vinyl

Respiratory Protection: filter mask respirator - MSHA/NIOSH approved

Other Protective Gear: lab apron

SECTION 11: TRANSPORT INFORMATION

DOT classification: not a DOT controlled material

DOT pictograms: